

Abstract

Disclosed is a conductive, flame-retardant polymeric fabric composed of a woven or non-woven nylon, polyester or acrylic fabric. A surface of the fabric is provided with a flame-retardant layer applied by coating the flame-retardant directly onto the fabric surface. Disposed on the flame-retardant layer is a conductive metal applied preferably by vapor deposition. The resulting article not only has a surface resistance of less than one ohm/sq, but also the article has an Underwriter Laboratories very thin material (VTM) vertical burn test rating of zero rendering the article suitable for use as an electromagnetic interference shielding fabric.